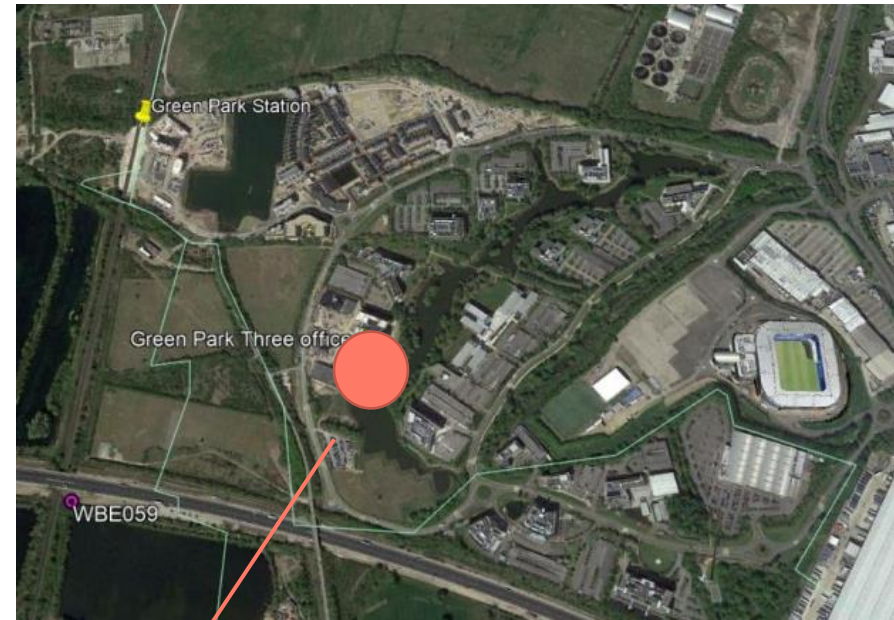


Green Park HQ Proposed Mast



The setting

- Greenpark comprises of 195 acres and is home to over 7,000 employees
- Greenpark Village is a new residential development comprising of nearly 1,300 homes and includes a new Primary School
- Madejski Stadium – 24,000 seats
- 200 bed hotel
- Proposed New Train Station



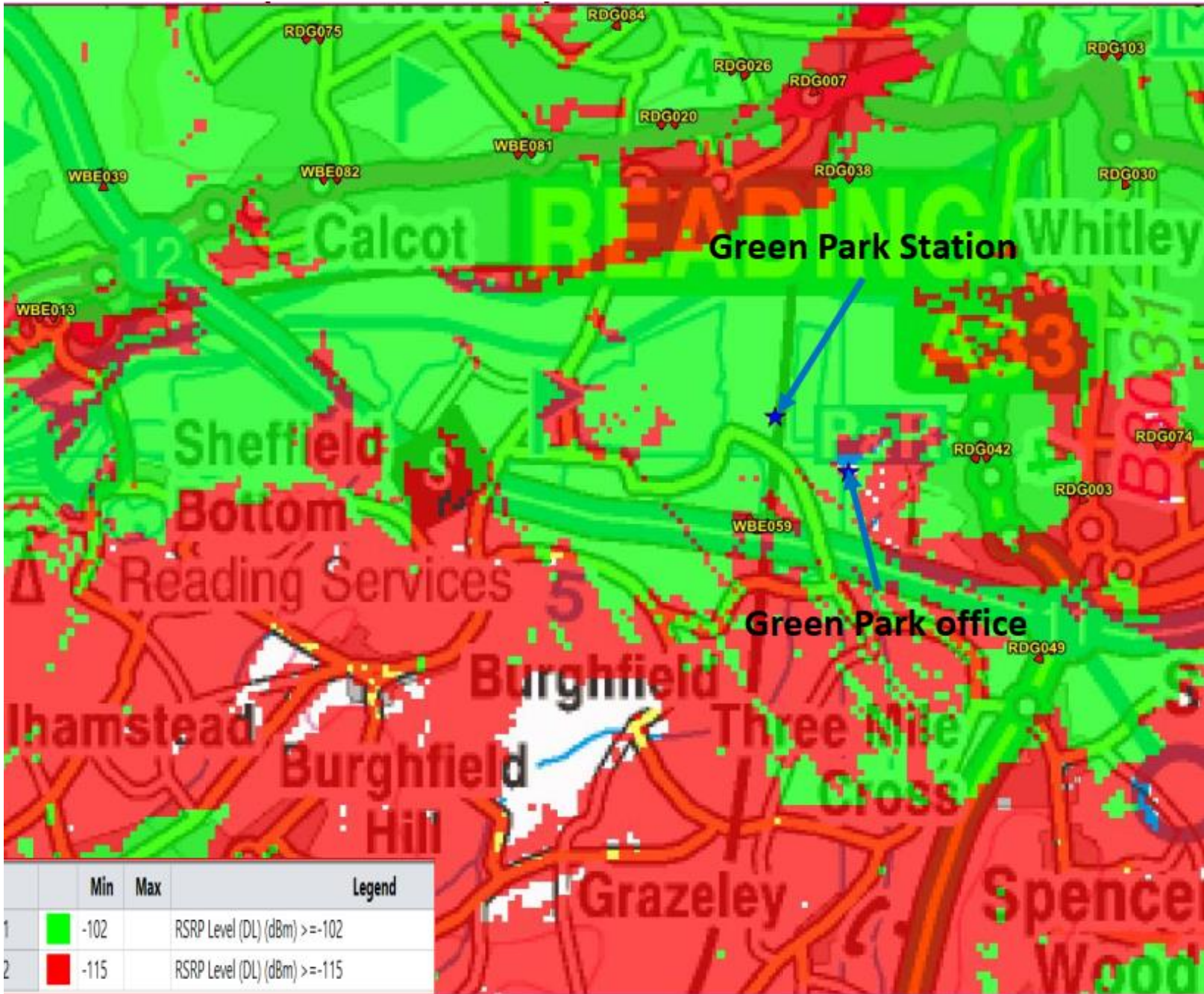
New 3 HQ



Network improvement

- Existing surrounding sites RDG042 (NE of HQ) and RDG049 (SE of HQ) have already been upgraded to 5G.
- A further surrounding site WBE059 (Pylon site) is presently 4G only and cannot be upgraded due to technical constraints.
- A further site is still required to meet network demand and improve capacity.
- Improvements brought by the proposed site:-
 - The proposed site will improve 4G indoor coverage on Green Park.
 - Capacity offload will be improved and coverage improved overall.
 - The new site will also introduce 5G to the Green Park Estate





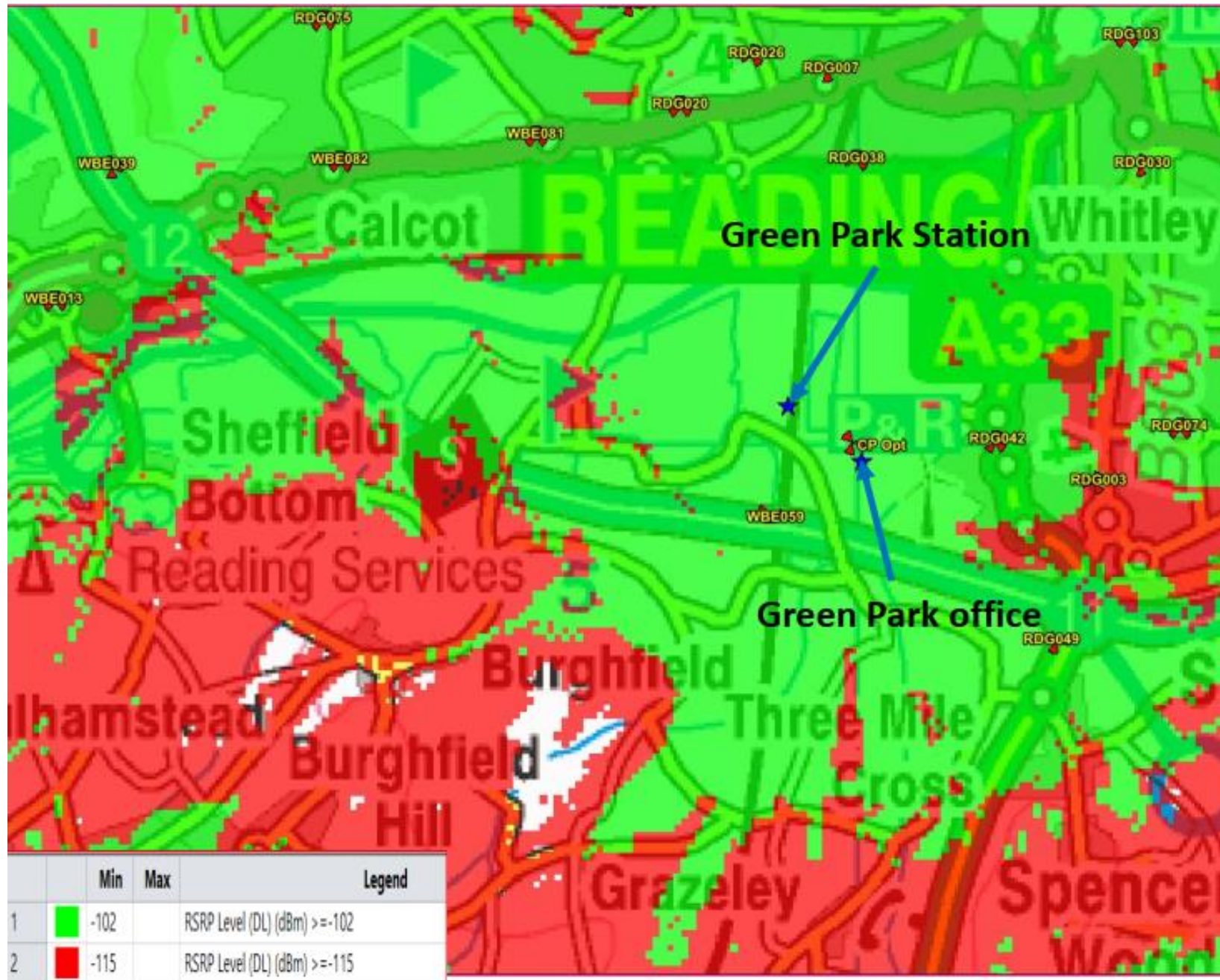
4G L800

(Higher Propagation)

Indoor Existing

Existing coverage poor
to North and East of HQ
building





4G L800

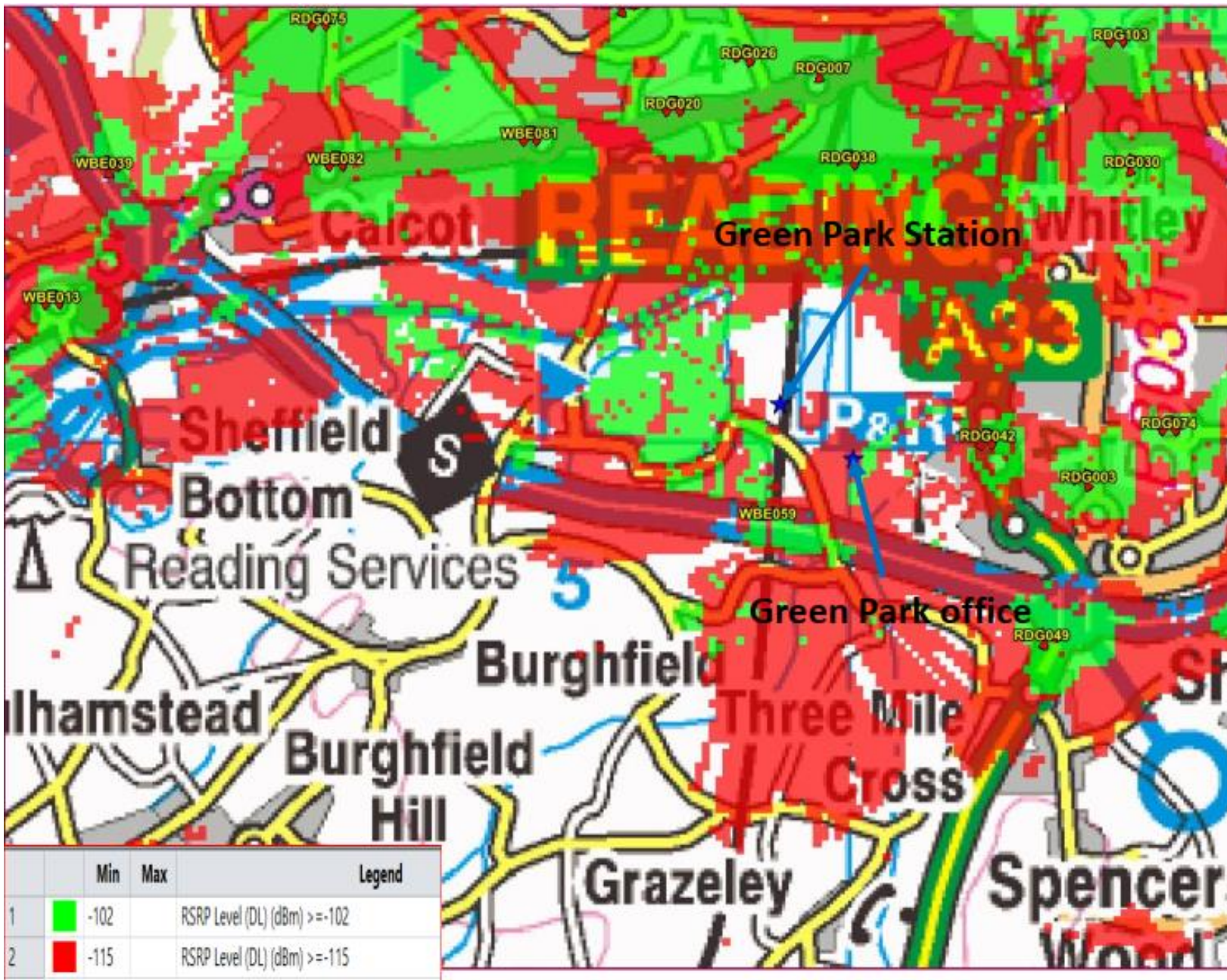
(Higher Propagation)

Proposed

Coverage to North, East
and South improved.

Less than -102dBm signal
to whole of Green Park
area (strong signal)





Current L1800

(Lower Propagation)

Indoor

Existing coverage is poor;

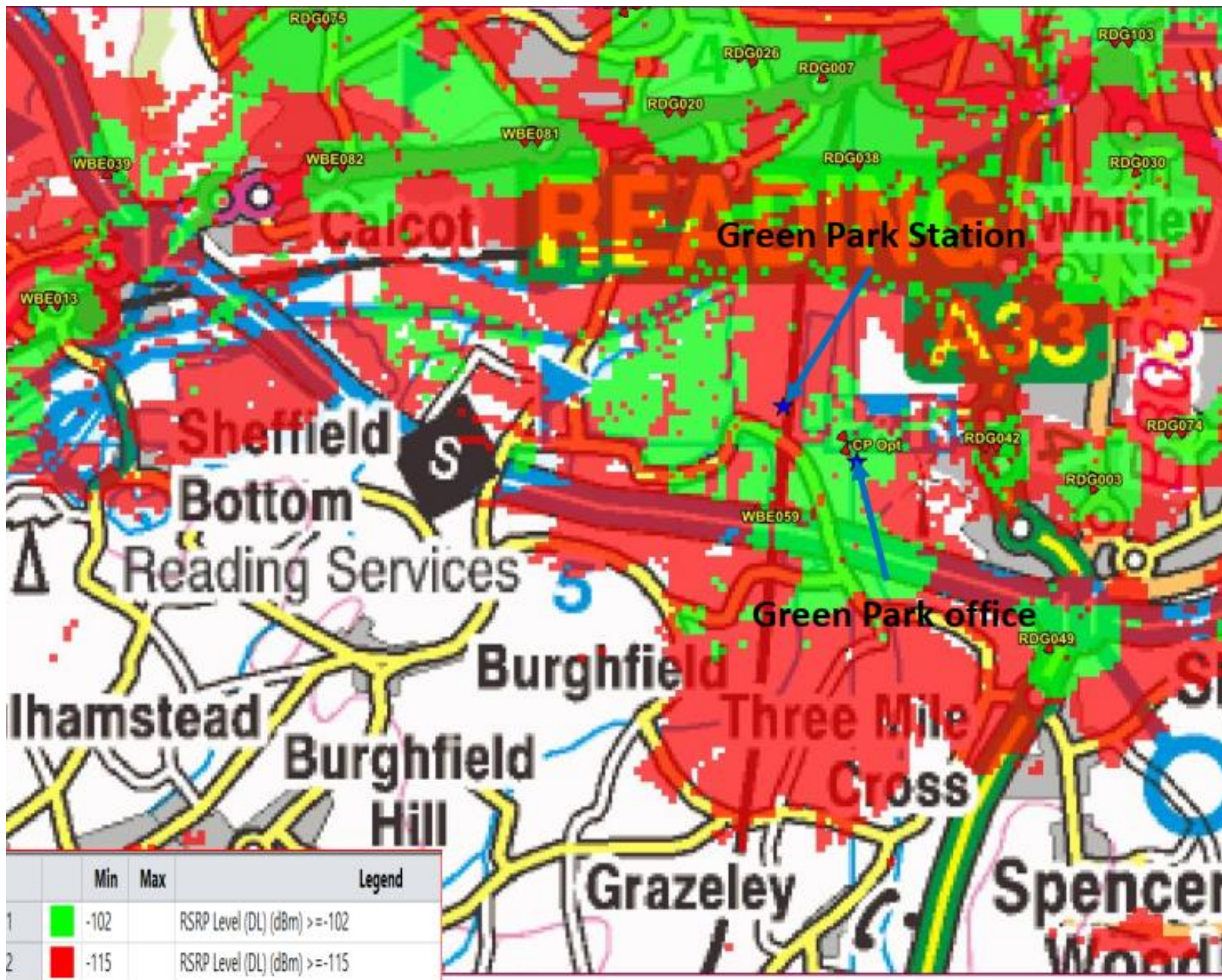
RDG042 & RDG049 have

already been upgraded to

4G++, WBE059 not suitable

for upgrade.





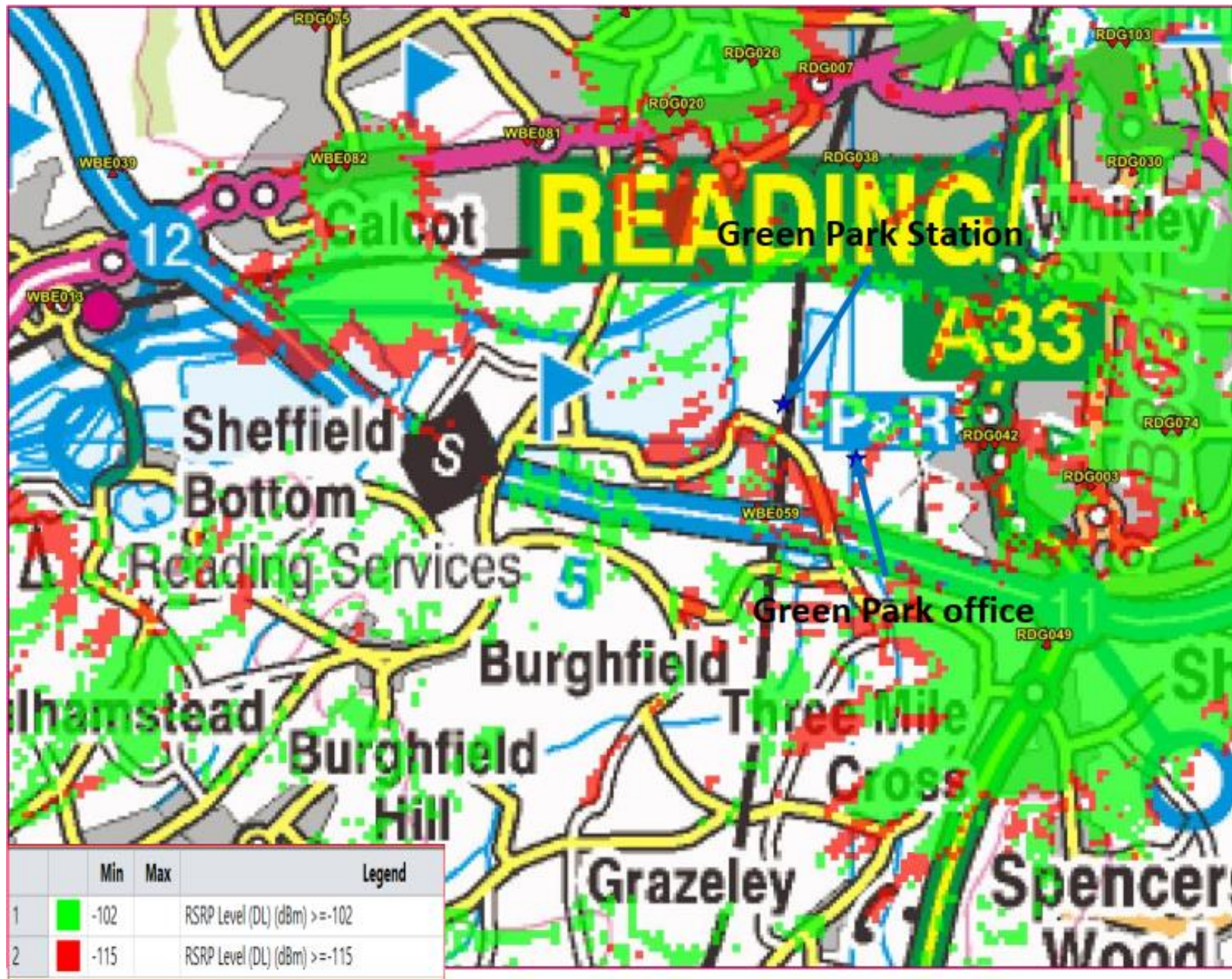
Proposed L1800

(Lower Propagation)

Indoor

less than -102dBm signal
to most of Green Park site
(strong coverage)





Current 5G coverage;

No 5G on the Green Park
estate at present



Design Proposal

- The location of the site has been chosen to be sighted as far away from the building as possible and adjacent to services buildings and the multi-story car park
- Best balance of aesthetics, engineering and safety
- It is not possible to reduce the height of the proposed structure because to do so would adversely impact the radio coverage and destroy the viability of the site



